

Xiaogang He

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

234
papers

14,852
citations

56
h-index

118
g-index

245
ext. papers

17,263
ext. citations

4.4
avg, IF

6.63
L-index

#	Paper	IF	Citations
234	Complex climate and network effects on internal migration in South Africa revealed by a network model. <i>Population and Environment</i> , 2022 , 43, 289-318	4	0
233	A Multisource, Data-Driven, Web-GIS-Based Hydrological Modeling Framework for Flood Forecasting and Prevention. <i>Geophysical Monograph Series</i> , 2022 , 105-122	1.1	
232	An Ensemble-Based, Remote-Sensing-Driven, Flood-Landslide Early Warning System. <i>Geophysical Monograph Series</i> , 2022 , 123-134	1.1	
231	Progress in Satellite Precipitation Products over the Past Two Decades. <i>Geophysical Monograph Series</i> , 2022 , 11-30	1.1	
230	Interdisciplinary Perspectives on Remote Sensing for Monitoring and Predicting Water-Related Hazards. <i>Geophysical Monograph Series</i> , 2022 , 1-9	1.1	
229	A novel big data mining framework for reconstructing large-scale daily MAIAC AOD data across China from 2000 to 2020. <i>GIScience and Remote Sensing</i> , 2022 , 59, 670-685	4.8	2
228	Effective Multi-Satellite Precipitation Fusion Procedure Conditioned by Gauge Background Fields over the Chinese Mainland. <i>Journal of Hydrology</i> , 2022 , 127783	6	2
227	Revegetation Does Not Decrease Water Yield in the Loess Plateau of China. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	3
226	Future bioenergy expansion could alter carbon sequestration potential and exacerbate water stress in the United States.. <i>Science Advances</i> , 2022 , 8, eabm8237	14.3	0
225	First Assessment of CyGNSS-Incorporated SMAP Sea Surface Salinity Retrieval Over Pan-Tropical Ocean. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 1-1	4.7	0
224	A comparative study of extensive machine learning models for predicting long-term monthly rainfall with an ensemble of climatic and meteorological predictors. <i>Hydrological Processes</i> , 2021 , 35, e14424	3.3	4
223	Two-decades of GPM IMERG early and final run products intercomparison: Similarity and difference in climatology, rates, and extremes. <i>Journal of Hydrology</i> , 2021 , 594, 125975	6	8
222	Acceleration of western Arctic sea ice loss linked to the Pacific North American pattern. <i>Nature Communications</i> , 2021 , 12, 1519	17.4	6
221	Validation of the Community Land Model Version 5 Over the Contiguous United States (CONUS) Using In Situ and Remote Sensing Data Sets. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033539	4.4	2
220	Historical Water Storage Changes Over China's Loess Plateau. <i>Water Resources Research</i> , 2021 , 57, e2020WR028661	9.4	661
219	Climate-informed hydrologic modeling and policy typology to guide managed aquifer recharge. <i>Science Advances</i> , 2021 , 7,	14.3	6
218	Estimation of Crop Water Requirement Based on Planting Structure Extraction from Multi-Temporal MODIS EVI. <i>Water Resources Management</i> , 2021 , 35, 2231-2247	3.7	2

217	An interpretable self-adaptive deep neural network for estimating daily spatially-continuous PM concentrations across China. <i>Science of the Total Environment</i> , 2021 , 768, 144724	10.2	9
216	CREST-iMAP v1.0: A fully coupled hydrologic-hydraulic modeling framework dedicated to flood inundation mapping and prediction. <i>Environmental Modelling and Software</i> , 2021 , 141, 105051	5.2	4
215	Global Reach-level 3-hourly River Flood Reanalysis (1980-2019). <i>Bulletin of the American Meteorological Society</i> , 2021 , 1-49	6.1	4
214	Evaluating applicability of multi-source precipitation datasets for runoff simulation of small watersheds: a case study in the United States. <i>European Journal of Remote Sensing</i> , 2021 , 54, 372-382	2.9	2
213	A Copula-Based Multivariate Probability Analysis for Flash Flood Risk under the Compound Effect of Soil Moisture and Rainfall. <i>Water Resources Management</i> , 2021 , 35, 83-98	3.7	7
212	Observed trends of different rainfall intensities and the associated spatiotemporal variations during 1958-2016 in Guangxi, China. <i>International Journal of Climatology</i> , 2021 , 41, E2880	3.5	3
211	Development of a new rainfall-triggering index of flash flood warning-case study in Yunnan province, China. <i>Journal of Flood Risk Management</i> , 2021 , 14, e12676	3.1	1
210	Evaluation of the ERA5 reanalysis precipitation dataset over Chinese Mainland. <i>Journal of Hydrology</i> , 2021 , 595, 125660	6	50
209	Advancing Satellite Precipitation Retrievals With Data Driven Approaches: Is Black Box Model Explainable?. <i>Earth and Space Science</i> , 2021 , 8, e2020EA001423	3.1	4
208	Monitoring Drought through the Lens of Landsat: Drying of Rivers during the California Droughts. <i>Remote Sensing</i> , 2021 , 13, 3423	5	2
207	Spatiotemporal Analysis of Land Use and Land Cover (LULC) Changes and Precipitation Trends in Shanghai. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7897	2.6	3
206	Evaluating the effects of downscaled climate projections on groundwater storage and simulated base-flow contribution to the North Fork Red River and Lake Altus, southwest Oklahoma (USA). <i>Hydrogeology Journal</i> , 2020 , 28, 2903-2916	3.1	1
205	Lagged Compound Occurrence of Droughts and Pluvials Globally Over the Past Seven Decades. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087924	4.9	22
204	Cross-Examination of Similarity, Difference and Deficiency of Gauge, Radar and Satellite Precipitation Measuring Uncertainties for Extreme Events Using Conventional Metrics and Multiplicative Triple Collocation. <i>Remote Sensing</i> , 2020 , 12, 1258	5	18
203	Identification of uncertainty sources in quasi-global discharge and inundation simulations using satellite-based precipitation products. <i>Journal of Hydrology</i> , 2020 , 589, 125180	6	4
202	The Optimal Multimodel Ensemble of Bias-Corrected CMIP5 Climate Models over China. <i>Journal of Hydrometeorology</i> , 2020 , 21, 845-863	3.7	5
201	Can Remote Sensing Technologies Capture the Extreme Precipitation Event and Its Cascading Hydrological Response? A Case Study of Hurricane Harvey Using EF5 Modeling Framework. <i>Remote Sensing</i> , 2020 , 12, 445	5	11
200	A Framework to Evaluate Community Resilience to Urban Floods: A Case Study in Three Communities. <i>Sustainability</i> , 2020 , 12, 1521	3.6	17

199	Have satellite precipitation products improved over last two decades? A comprehensive comparison of GPM IMERG with nine satellite and reanalysis datasets. <i>Remote Sensing of Environment</i> , 2020 , 240, 111697	13.2	130
198	Satellite-Based Operational Real-Time Drought Monitoring in the Transboundary Lancang-Mekong River Basin. <i>Remote Sensing</i> , 2020 , 12, 376	5	4
197	A Global Drought and Flood Catalogue from 1950 to 2016. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E508-E535	6.1	39
196	Contrasting Influences of Human Activities on Hydrological Drought Regimes Over China Based on High-Resolution Simulations. <i>Water Resources Research</i> , 2020 , 56, e2019WR025843	5.4	20
195	Projected Seasonal Changes in Large-Scale Global Precipitation and Temperature Extremes Based on the CMIP5 Ensemble. <i>Journal of Climate</i> , 2020 , 33, 5651-5671	4.4	15
194	Global Evaluation of Seasonal Precipitation and Temperature Forecasts from NMME. <i>Journal of Hydrometeorology</i> , 2020 , 21, 2473-2486	3.7	5
193	Investigating the Evaluation Uncertainty for Satellite Precipitation Estimates Based on Two Different Ground Precipitation Observation Products. <i>Journal of Hydrometeorology</i> , 2020 , 21, 2595-2606	3.7	6
192	An updated moving window algorithm for hourly-scale satellite precipitation downscaling: A case study in the Southeast Coast of China. <i>Journal of Hydrology</i> , 2020 , 581, 124378	6	18
191	Comparison analysis of six purely satellite-derived global precipitation estimates. <i>Journal of Hydrology</i> , 2020 , 581, 124376	6	33
190	Using the Apriori Algorithm and Copula Function for the Bivariate Analysis of Flash Flood Risk. <i>Water (Switzerland)</i> , 2020 , 12, 2223	3	3
189	Heterogeneous parallel computing accelerated generalized likelihood uncertainty estimation (GLUE) method for fast hydrological model uncertainty analysis purpose. <i>Engineering With Computers</i> , 2020 , 36, 75-96	4.5	10
188	In Quest of Calibration Density and Consistency in Hydrologic Modeling: Distributed Parameter Calibration against Streamflow Characteristics. <i>Water Resources Research</i> , 2019 , 55, 7784-7803	5.4	22
187	Performance of multi-level association rule mining for the relationship between causal factor patterns and flash flood magnitudes in a humid area. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 1967-1987	3.6	6
186	A Methodology to Monitor Urban Expansion and Green Space Change Using a Time Series of Multi-Sensor SPOT and Sentinel-2A Images. <i>Remote Sensing</i> , 2019 , 11, 1230	5	22
185	Wavelet-Nonlinear Cointegration Prediction of Irrigation Water in the Irrigation District. <i>Water Resources Management</i> , 2019 , 33, 2941-2954	3.7	6
184	Fuzzy Risk Assessment of Flash Floods Using a Cloud-Based Information Diffusion Approach. <i>Water Resources Management</i> , 2019 , 33, 2537-2553	3.7	6
183	Evaluating three satellite-based precipitation products of different spatial resolutions in Shanghai based on upscaling of rain gauge. <i>International Journal of Remote Sensing</i> , 2019 , 40, 5875-5891	3.1	9
182	Evaluation of Groundwater Simulations in Benin from the ALMIP2 Project. <i>Journal of Hydrometeorology</i> , 2019 , 20, 339-354	3.7	1

181	Water security implications of coal-fired power plants financed through China's Belt and Road Initiative. <i>Energy Policy</i> , 2019 , 132, 1101-1109	7.2	31
180	Improving CHIRPS Daily Satellite-Precipitation Products Using Coarser Ground Observations. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 1678-1682	4.1	6
179	Climate change leads to a doubling of turbidity in a rapidly expanding Tibetan lake. <i>Science of the Total Environment</i> , 2019 , 688, 952-959	10.2	12
178	Heatwave Trends and the Population Exposure Over China in the 21st Century as Well as Under 1.5 °C and 2.0 °C Global Warmer Future Scenarios. <i>Sustainability</i> , 2019 , 11, 3318	3.6	10
177	Integrated approaches to understanding and reducing drought impact on food security across scales. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 40, 43-54	7.2	33
176	Annual precipitation and daily extreme precipitation distribution: possible trends from 1960 to 2010 in urban areas of China. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 1694-1711	3.6	8
175	Solar and wind energy enhances drought resilience and groundwater sustainability. <i>Nature Communications</i> , 2019 , 10, 4893	17.4	24
174	Drought Trend Analysis Based on the Standardized Precipitation-Evapotranspiration Index Using NASA's Earth Exchange Global Daily Downscaled Projections, High Spatial Resolution Coupled Model Intercomparison Project Phase 5 Projections, and Assessment of Potential Impacts on China's Crop Yield in the 21st Century. <i>Water (Switzerland)</i> , 2019 , 11, 2455	3	4
173	From sustainable drinking water to tsunami hazards: modelling water science for impact. <i>Journal of Integrative Environmental Sciences</i> , 2019 , 16, 157-161	3	
172	Corrections to Recognizing Global Reservoirs From Landsat 8 Images: A Deep Learning Approach [Sep 19 3168-3177]. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 3701-3701	4.7	1
171	Future increases in irrigation water requirement challenge the water-food nexus in the northeast farming region of China. <i>Agricultural Water Management</i> , 2019 , 213, 594-604	5.9	31
170	Computer Aided Numerical Methods for Hydrological Model Calibration: An Overview and Recent Development. <i>Archives of Computational Methods in Engineering</i> , 2019 , 26, 35-59	7.8	19
169	A comprehensive flash flood defense system in China: overview, achievements, and outlook. <i>Natural Hazards</i> , 2018 , 92, 727-740	3	19
168	Accounting for spatiotemporal errors of gauges: A critical step to evaluate gridded precipitation products. <i>Journal of Hydrology</i> , 2018 , 559, 294-306	6	78
167	Climatology of snow phenology over the Tibetan plateau for the period 2001-2014 using multisource data. <i>International Journal of Climatology</i> , 2018 , 38, 2718-2729	3.5	5
166	Documentation of multifactorial relationships between precipitation and topography of the Tibetan Plateau using spaceborne precipitation radars. <i>Remote Sensing of Environment</i> , 2018 , 208, 82-96 ^{13.2}		43
165	Probabilistic precipitation rate estimates with space-based infrared sensors. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018 , 144, 191-205	6.4	15
164	Investigation of inducements and defenses of flash floods and urban waterlogging in Fuzhou, China, from 1950 to 2010. <i>Natural Hazards</i> , 2018 , 91, 803-818	3	16

163	Fast hydrological model calibration based on the heterogeneous parallel computing accelerated shuffled complex evolution method. <i>Engineering Optimization</i> , 2018 , 50, 106-119	2	13
162	A novel hybrid data-driven model for multi-input single-output system simulation. <i>Neural Computing and Applications</i> , 2018 , 29, 577-593	4.8	9
161	Analysis of flash flood disaster characteristics in China from 2011 to 2015. <i>Natural Hazards</i> , 2018 , 90, 407-420	3	65
160	Global intercomparison and regional evaluation of GPM IMERG Version-03, Version-04 and its latest Version-05 precipitation products: Similarity, difference and improvements. <i>Journal of Hydrology</i> , 2018 , 564, 342-356	6	53
159	Investigation of SMAP Active/Passive Downscaling Algorithms Using Combined Sentinel-1 SAR and SMAP Radiometer Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 4906-4918	8.1	18
158	An Efficient and Effective Approach for Georeferencing AVHRR and GaoFen-1 Imageries Using Inland Water Bodies. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 2491-2500	4.7	9
157	A systematic assessment and reduction of parametric uncertainties for a distributed hydrological model. <i>Journal of Hydrology</i> , 2018 , 564, 697-711	6	17
156	Can Satellite Precipitation Products Estimate Probable Maximum Precipitation: A Comparative Investigation with Gauge Data in the Dadu River Basin. <i>Remote Sensing</i> , 2018 , 10, 41	5	16
155	Characterizing the Flash Flooding Risks from 2011 to 2016 over China. <i>Water (Switzerland)</i> , 2018 , 10, 704	3	15
154	A New Approach to Modeling Water Balance in Nile River Basin, Africa. <i>Sustainability</i> , 2018 , 10, 810	3.6	6
153	Comprehensive evaluation of Ensemble Multi-Satellite Precipitation Dataset using the Dynamic Bayesian Model Averaging scheme over the Tibetan plateau. <i>Journal of Hydrology</i> , 2018 , 556, 634-644	6	56
152	Performance of Optimally Merged Multisatellite Precipitation Products Using the Dynamic Bayesian Model Averaging Scheme Over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 814-834	4.4	66
151	Spatiotemporal Assessment of Induced Seismicity in Oklahoma: Foreseeable Fewer Earthquakes for Sustainable Oil and Gas Extraction?. <i>Geosciences (Switzerland)</i> , 2018 , 8, 436	2.7	1
150	Industrial Water Pollution Discharge Taxes in China: A Multi-Sector Dynamic Analysis. <i>Water (Switzerland)</i> , 2018 , 10, 1742	3	10
149	Global water cycle and remote sensing big data: overview, challenge, and opportunities. <i>Big Earth Data</i> , 2018 , 2, 282-297	4.1	16
148	Study on the Applicability of the Hargreaves Potential Evapotranspiration Estimation Method in CREST Distributed Hydrological Model (Version 3.0) Applications. <i>Water (Switzerland)</i> , 2018 , 10, 1882	3	13
147	Exploring Deep Neural Networks to Retrieve Rain and Snow in High Latitudes Using Multisensor and Reanalysis Data. <i>Water Resources Research</i> , 2018 , 54, 8253-8278	5.4	32
146	Downscaling of ERA-Interim Temperature in the Contiguous United States and Its Implications for Rain/Snow Partitioning. <i>Journal of Hydrometeorology</i> , 2018 , 19, 1215-1233	3.7	8

145	Intensification of hydrological drought in California by human water management. <i>Geophysical Research Letters</i> , 2017 , 44, 1777-1785	4.9	70
144	Modeling Surface Runoff and Water Fluxes over Contrasted Soils in the Pastoral Sahel: Evaluation of the ALMIP2 Land Surface Models over the Gourma Region in Mali. <i>Journal of Hydrometeorology</i> , 2017 , 18, 1847-1866	3.7	13
143	Evaluation of MRMS Snowfall Products over the Western United States. <i>Journal of Hydrometeorology</i> , 2017 , 18, 1707-1713	3.7	7
142	Improved modeling of snow and glacier melting by a progressive two-stage calibration strategy with GRACE and multisource data: How snow and glacier meltwater contributes to the runoff of the Upper Brahmaputra River basin?. <i>Water Resources Research</i> , 2017 , 53, 2431-2466	5.4	108
141	Development of an NRCS curve number global dataset using the latest geospatial remote sensing data for worldwide hydrologic applications. <i>Remote Sensing Letters</i> , 2017 , 8, 528-536	2.3	31
140	Analysis of Precipitation Projections over the Climate Gradient of the Arkansas Red River Basin. <i>Journal of Applied Meteorology and Climatology</i> , 2017 , 56, 1325-1336	2.7	10
139	Streamflows over a West African Basin from the ALMIP2 Model Ensemble. <i>Journal of Hydrometeorology</i> , 2017 , 18, 1831-1845	3.7	11
138	Similarities and differences between three coexisting spaceborne radars in global rainfall and snowfall estimation. <i>Water Resources Research</i> , 2017 , 53, 3835-3853	5.4	34
137	Usage of Existing Meteorological Data Networks for Parameterized Road Ice Formation Modeling. <i>Journal of Applied Meteorology and Climatology</i> , 2017 , 56, 1959-1976	2.7	8
136	Using BDS SNR Observations to Measure Near-Surface Soil Moisture Fluctuations: Results From Low Vegetated Surface. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 1308-1312	4.1	13
135	Uncertainty analysis of radar rainfall estimates over two different climates in Iran. <i>International Journal of Remote Sensing</i> , 2017 , 38, 5106-5126	3.1	5
134	Can Near-Real-Time Satellite Precipitation Products Capture Rainstorms and Guide Flood Warning for the 2016 Summer in South China?. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 1208-1212	4.1	26
133	Spatio-temporal analysis and simulation on shallow rainfall-induced landslides in China using landslide susceptibility dynamics and rainfall I-D thresholds. <i>Science China Earth Sciences</i> , 2017 , 60, 720-732	4.6	23
132	Forecasting the Hydroclimatic Signature of the 2015/16 El Niño Event on the Western United States. <i>Journal of Hydrometeorology</i> , 2017 , 18, 177-186	3.7	20
131	Similarities and Improvements of GPM Dual-Frequency Precipitation Radar (DPR) upon TRMM Precipitation Radar (PR) in Global Precipitation Rate Estimation, Type Classification and Vertical Profiling. <i>Remote Sensing</i> , 2017 , 9, 1142	5	19
130	Error analysis of ensemble multi-satellite precipitation datasets over the Tibetan Plateau 2017 ,		1
129	Study on Applicability of Conceptual Hydrological Models for Flood Forecasting in Humid, Semi-Humid Semi-Arid and Arid Basins in China. <i>Water (Switzerland)</i> , 2017 , 9, 719	3	17
128	Effects of 4D-Var Data Assimilation Using Remote Sensing Precipitation Products in a WRF Model over the Complex Terrain of an Arid Region River Basin. <i>Remote Sensing</i> , 2017 , 9, 963	5	15

127	Combined Space and Ground Radars for Improving Quantitative Precipitation Estimations in the Eastern Downstream Region of the Tibetan Plateau. Part I: Variability in the Vertical Structure of Precipitation in ChuanYu Analyzed from Long-Term Spaceborne Observations by TRMM PR. <i>Journal of Applied Meteorology and Climatology</i> , 2017 , 56, 2259-2274	2.7	1
126	A comprehensive data set of lake surface water temperature over the Tibetan Plateau derived from MODIS LST products 2001-2015. <i>Scientific Data</i> , 2017 , 4, 170095	8.2	51
125	An Extension of the Alpha Approximation Method for Soil Moisture Estimation Using Time-Series SAR Data Over Bare Soil Surfaces. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 1328-1332	4.1	10
124	The FLASH Project: Improving the Tools for Flash Flood Monitoring and Prediction across the United States. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 361-372	6.1	91
123	Statistical assessment and hydrological utility of the latest multi-satellite precipitation analysis IMERG in Ganjiang River basin. <i>Atmospheric Research</i> , 2017 , 183, 212-223	5.4	69
122	Mapping Flash Flood Severity in the United States. <i>Journal of Hydrometeorology</i> , 2017 , 18, 397-411	3.7	49
121	Observed radiative cooling over the Tibetan Plateau for the past three decades driven by snow cover-induced surface albedo anomaly. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 6170-6185	4.4	28
120	Hydrology in a Coupled Human-Natural System: Research, Innovation, and Practices. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, ES295-ES298	6.1	3
119	A heterogeneous computing accelerated SCE-UA global optimization method using OpenMP, OpenCL, CUDA, and OpenACC. <i>Water Science and Technology</i> , 2017 , 76, 1640-1651	2.2	11
118	New Multisite Cascading Calibration Approach for Hydrological Models: Case Study in the Red River Basin Using the VIC Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016 , 21, 05015019	1.8	37
117	Evaluation of latest TMPA and CMORPH precipitation products with independent rain gauge observation networks over high-latitude and low-latitude basins in China. <i>Chinese Geographical Science</i> , 2016 , 26, 439-455	2.9	20
116	A cascading flash flood guidance system: development and application in Yunnan Province, China. <i>Natural Hazards</i> , 2016 , 84, 2071-2093	3	19
115	Multiregional Satellite Precipitation Products Evaluation over Complex Terrain. <i>Journal of Hydrometeorology</i> , 2016 , 17, 1817-1836	3.7	87
114	Development of a coupled hydrological-geotechnical framework for rainfall-induced landslides prediction. <i>Journal of Hydrology</i> , 2016 , 543, 395-405	6	26
113	A lake data set for the Tibetan Plateau from the 1960s, 2005, and 2014. <i>Scientific Data</i> , 2016 , 3, 160039	8.2	73
112	Evaluation of the FY-3B/MWRI soil moisture product on the central Tibetan Plateau 2016 ,		1
111	Rainstorm-induced shallow landslides process and evaluation — a case study from three hot spots, China. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1908-1918	3.6	10
110	Early assessment of Integrated Multi-satellite Retrievals for Global Precipitation Measurement over China. <i>Atmospheric Research</i> , 2016 , 176-177, 121-133	5.4	142

109	Comparison of satellite-estimated and model-forecasted rainfall data during a deadly debris-flow event in Zhouqu, Northwest China. <i>Atmospheric and Oceanic Science Letters</i> , 2016 , 9, 139-145	1.4	9
108	Comprehensive evaluation of four high-resolution satellite precipitation products under diverse climate conditions in Iran. <i>Hydrological Sciences Journal</i> , 2016 , 61, 420-440	3.5	60
107	Evaluation of a Method to Enhance Real-Time, Ground Radar-Based Rainfall Estimates Using Climatological Profiles of Reflectivity from Space. <i>Journal of Hydrometeorology</i> , 2016 , 17, 761-775	3.7	12
106	Statistical and Hydrological Comparisons between TRMM and GPM Level-3 Products over a Midlatitude Basin: Is Day-1 IMERG a Good Successor for TMPA 3B42V7?. <i>Journal of Hydrometeorology</i> , 2016 , 17, 121-137	3.7	163
105	Using Citizen Science Reports to Evaluate Estimates of Surface Precipitation Type. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, 187-193	6.1	12
104	Evaluation of GPM Day-1 IMERG and TMPA Version-7 legacy products over Mainland China at multiple spatiotemporal scales. <i>Journal of Hydrology</i> , 2016 , 533, 152-167	6	319
103	Error analysis of multi-satellite precipitation estimates with an independent raingauge observation network over a medium-sized humid basin. <i>Hydrological Sciences Journal</i> , 2016 , 1-18	3.5	26
102	Multiple Constraints Based Robust Matching of Poor-Texture Close-Range Images for Monitoring a Simulated Landslide. <i>Remote Sensing</i> , 2016 , 8, 396	5	4
101	Error-Component Analysis of TRMM-Based Multi-Satellite Precipitation Estimates over Mainland China. <i>Remote Sensing</i> , 2016 , 8, 440	5	45
100	Similarity and Error Intercomparison of the GPM and Its Predecessor-TRMM Multisatellite Precipitation Analysis Using the Best Available Hourly Gauge Network over the Tibetan Plateau. <i>Remote Sensing</i> , 2016 , 8, 569	5	97
99	A public Cloud-based China's Landslide Inventory Database (CsLID): development, zone, and spatiotemporal analysis for significant historical events, 1949-2011. <i>Journal of Mountain Science</i> , 2016 , 13, 1275-1285	2.1	11
98	Evaluating Four Multisatellite Precipitation Estimates over the Diaoyu Islands during Typhoon Seasons. <i>Journal of Hydrometeorology</i> , 2016 , 17, 1623-1641	3.7	21
97	Have GRACE satellites overestimated groundwater depletion in the Northwest India Aquifer?. <i>Scientific Reports</i> , 2016 , 6, 24398	4.9	150
96	Responses of land evapotranspiration to Earth's greening in CMIP5 Earth System Models. <i>Environmental Research Letters</i> , 2016 , 11, 104006	6.2	26
95	Systematic Anomalies Over Inland Water Bodies of High Mountain Asia in TRMM Precipitation Estimates: No Longer a Problem for the GPM Era?. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 1762-1766	4.1	27
94	Spatial downscaling of precipitation using adaptable random forests. <i>Water Resources Research</i> , 2016 , 52, 8217-8237	5.4	82
93	Inter-comparison of radar-based nowcasting schemes in the Jianghuai River Basin, China. <i>Meteorological Applications</i> , 2015 , 22, 289-300	2.1	3
92	Multiscale Hydrologic Applications of the Latest Satellite Precipitation Products in the Yangtze River Basin using a Distributed Hydrologic Model. <i>Journal of Hydrometeorology</i> , 2015 , 16, 407-426	3.7	81

91	Deriving scaling factors using a global hydrological model to restore GRACE total water storage changes for China's Yangtze River Basin. <i>Remote Sensing of Environment</i> , 2015 , 168, 177-193	13.2	147
90	Global View Of Real-Time Trmm Multisatellite Precipitation Analysis: Implications For Its Successor Global Precipitation Measurement Mission. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 283-296	6.1	171
89	The Diurnal Cycle of Precipitation in Regional Spectral Model Simulations over West Africa: Sensitivities to Resolution and Cumulus Schemes. <i>Weather and Forecasting</i> , 2015 , 30, 424-445	2.1	18
88	Model test study on monitoring dynamic process of slope failure through spatial sensor network. <i>Environmental Earth Sciences</i> , 2015 , 74, 3315-3332	2.9	23
87	Evaluating the Performance of Merged Multi-Satellite Precipitation Products Over a Complex Terrain. <i>Water Resources Management</i> , 2015 , 29, 4885-4901	3.7	25
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